



#18

SEQUENCE LISTING

<110> Compton, Teresa
Huber, Mary T.

<120> Human cytomegalovirus glycoprotein O as a new drug target and
subunit vaccine candidate

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<170> PatentIn version 3.2

<210> 1

<211> 465

<212> PRT

<213> Human cytomegalovirus

<400> 1

Met Gly Arg Lys Glu Met Met Val Arg Asp Val Pro Lys Met Phe Val
1 5 10 15

Leu Ile Ser Ile Ser Phe Leu Leu Val Ser Phe Ile Asn Cys Lys Val
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Met Ser Lys Ala Leu Tyr Asn Arg Pro Trp Arg Gly Leu Val Leu Ser
35 40 45

Lys Ile Gly Lys Tyr Lys Leu Asp Gln Leu Lys Leu Glu Ile Leu Arg
50 55 60

Gln Leu Glu Thr Thr Ile Ser Thr Lys Tyr Asn Val Ser Lys Gln Pro
65 70 75 80

Val Lys Asn Leu Thr Met Asn Thr Glu Phe Pro Gln Tyr Tyr Ile Leu
85 90 95

Ala Gly Pro Ile Gln Asn Tyr Ser Ile Thr Tyr Leu Trp Phe Asp Phe
100 105 110

Tyr Ser Thr Gln Leu Arg Lys Pro Ala Lys Tyr Val Tyr Ser Gln Tyr
115 120 125

Asn His Thr Ala Lys Thr Ile Thr Phe Arg Pro Pro Pro Cys Gly Arg
130 135 140

Val Pro Ser Met Thr Cys Leu Ser Glu Met Leu Asn Val Ser Lys Arg
145 150 155 160

Asn Asp Thr Gly Glu Gln Gly Cys Gly Asn Phe Thr Thr Phe Asn Pro
165 170 175

Met Phe Phe Asn Val Pro Arg Trp Asn Thr Lys Leu Tyr Val Gly Pro
180 185 190

Thr Lys Val Asn Val Asp Ser Gln Thr Ile Tyr Phe Leu Gly Leu Thr
195 200 205

Ala Leu Leu Leu Arg Tyr Ala Gln Arg Asn Cys Thr His Ser Phe Tyr
210 215 220

Leu Val Asn Ala Met Ser Arg Asn Leu Phe Arg Val Pro Lys Tyr Ile
225 230 235 240

Asn Gly Thr Lys Leu Lys Asn Thr Met Arg Lys Leu Lys Arg Lys Gln
245 250 255

Ala Pro Val Lys Glu Gln Phe Glu Lys Lys Ala Lys Lys Thr Gln Ser
260 265 270

Thr Thr Thr Pro Tyr Phe Ser Tyr Thr Thr Ser Ala Ala Leu Asn Val
275 280 285

Thr Thr Asn Val Thr Tyr Ser Ile Thr Thr Ala Ala Arg Arg Val Ser
290 295 300

Thr Ser Thr Ile Ala Tyr Arg Pro Asp Ser Ser Phe Met Lys Ser Ile
305 310 315 320

Met Ala Thr Gln Leu Arg Asp Leu Ala Thr Trp Val Tyr Thr Thr Leu
325 330 335

Arg Tyr Arg Gln Asn Pro Phe Cys Glu Pro Ser Arg Asn Arg Thr Ala
340 345 350

Val Ser Glu Phe Met Lys Asn Thr His Val Leu Ile Arg Asn Glu Thr
355 360 365

Pro Tyr Thr Ile Tyr Gly Thr Leu Asp Met Ser Ser Leu Tyr Tyr Asn
370 375 380

Glu Thr Met Phe Val Glu Asn Lys Thr Ala Ser Asp Ser Asn Lys Thr
385 390 395 400

Thr Pro Thr Ser Pro Ser Met Gly Phe Gln Arg Thr Phe Ile Asp Pro
405 410 415

Leu Trp Asp Tyr Leu Asp Ser Leu Leu Phe Leu Asp Glu Ile Arg Asn
420 425 430

Phe Ser Leu Arg Ser Pro Thr Tyr Val Asn Leu Thr Pro Pro Glu His
435 440 445

Arg Arg Ala Val Asn Leu Ser Thr Ser Asn Ser Leu Trp Trp Trp Leu
450 455 460

Gln
465